AirLancer™ Extender O-360ag

Professional omni-directional antenna for 2.4 and 5 GHz

- Omni-directional dual-band antenna
- For indoor and outdoor use with 6.5dBi
- For 5GHz / IEEE 802.11a or 2.4GHz / IEEE 802.11b/g
- Mounting kit, cables and adapters included
- Optimized design for all LANCOM access points

The AirLancer Extender O-360ag omni-directional antenna from LANCOM Systems is a high-end product for the coverage of open spaces, warehouses, production facilities and hotspots with wireless LAN. The best results are obtained by mounting the antenna on a mast at the center of the area to be covered. Depending on the environmental conditions, the optimal frequency range of 2.4GHz for 802.11b/g or 5GHz for 802.11a can be selected in combination with AirLancer client adapters.

LANCOM
Systems

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Technical data	
Range / Data rate	The range depends on the WLAN client adapter in use and the environmental conditions. Guideline value: ca. 100m.
Frequency range	2.4/5.x MHz
VSWR	<2.0
Impedance	50 Ohm
Polarization	vertical
Gain	7dBi @ 5GHz, 6dBi @ 2.4GHz
3dB directivity pattern horizontal	360°
3dB directivity pattern vertical	different, see pattern
Isolation between connectors	25dB

Mechanical data	
Dimensions	410 x 22 mm (lenght x diameter)
Weight	0.11 kg
Housing material	Plastics ASA and aluminium
Colour	White
Installation temperature	-65° to +165°C

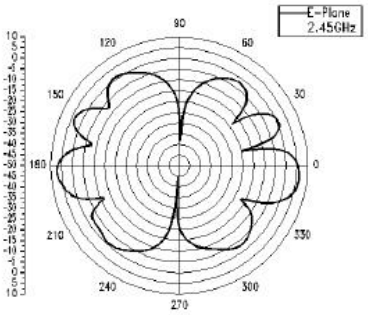
Accessories	
Connection	N-jack
Cable	1m N-jack to N-plug
Adapter	Reverse SMA to N, RP-SMA terminating resistor for AUX antenna connectors on LANCOM access points
Installation material	For wall and pylon mounting

Approvals	
	The antenna is suitable for operation with LANCOM Wireless base stations only. The overall system meets CE standards and may be operated in those countries where the access point is notified. The system is only to be operated under strict observation of the guidelines for the use of frequency ranges and transmission power. For this purpose, LANCOM access points feature a setting for transmission power. Further information is available in the LANCOM Reference Manual and at www.lancom.de.
Warranty	2 years
Item no.	61223

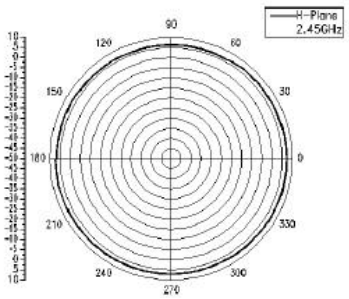
Additional LANCOM article	
AirLancer Cable NJ-NP 3m, 6m, 9m	Extension cable Art.Nr. 61230, 61231, 61232
AirLancer Extender SA-5	Antenna cable surge protector, item no. 61212

Directivity pattern 2.45GHz

Vertical

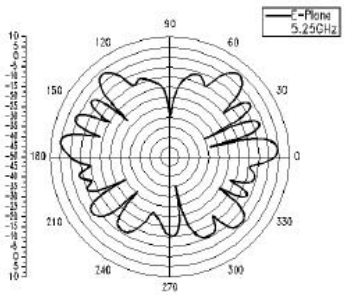


Horizontal

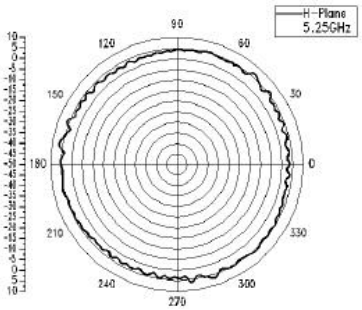


Directivity pattern 5.25GHz

Vertical



Horizontal



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